

ENSEMB.032A



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Smith et al. ) Group Art Unit 2186  
App. No. : 09/706, 195 )  
Filed : November 3, 2000 )  
For : OUTDOOR UNIT )  
PROGRAMMING SYSTEM )  
Examiner : Unassigned )

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

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Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410. A duplicate copy of this Statement is enclosed for that purpose.

Respectfully submitted,

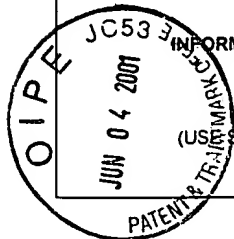
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: May 30, 2001

By: [Signature]

Michael L. Fuller  
Registration No. 36,516  
Attorney of Record  
620 Newport Center Drive  
Sixteenth Floor  
Newport Beach, CA 92660  
(619) 235-8550

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
ENSEMB.032AAPPLICATION NO.  
09/708,195INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Smith et al.FILING DATE  
November 3, 2000GROUP  
2186

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	3,949,404	04/06/76	Fletcher, et al.			
	2	4,495,619	01/22/85	Acampora			
	3	5,297,144	03/22/94	Gilbert, et al.			
	4	5,420,851	05/30/95	Seshadri, et al.			
	5	5,444,698	08/22/95	Kito			
	6	5,511,082	04/23/96	How, et al.			
	7	5,615,212	03/25/97	Ruszczuk, et al.			
	8	5,638,371	06/10/97	Raychaudhuri, et al.			
	9	5,638,374	06/10/97	Heath			
	10	5,675,573	10/07/97	Karol, et al.			
	11	5,751,708	05/12/98	Eng, et al.			
	12	5,768,254	06/16/98	Papadopoulos, et al.			
	13	5,828,695	10/27/98	Webb			
	14	5,859,619	01/12/99	Wu, et al.			
	15	5,890,055	03/30/99	Chu, et al.			
	16	6,006,069	12/21/99	Langston			
	17	6,016,311	01/18/00	Gilbert, et al.			
	18	6,016,313	01/18/00	Foster, Jr., et al.			
	19	6,038,455	03/14/00	Gardner, et al.			
	20	6,094,421	07/25/00	Scott			
	21	6,112,080	08/29/00	Anderson, et al.			

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	22 Lin., et al., "Error Control Coding, Fundamentals and Applications", Prentice-Hall Computer Applications in Electrical Engineering Series., 1993, pages 315-349.
	23 L.H. Charles Lee, "Convolutional Coding, Fundamentals and Applications", Artech House, Inc., 1997, p. 11-51.
	24 Redl, et al., "An Introduction to GSM", Artech House, Inc., 1995; pages 84, 85 and 95.
	25 C.E. Shannon, "A Mathematical Theory of Communication", Bell System Technical Journal, pp. 379-423 (Part I), 623-656 (Part II), 7/1948.

EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

